

Please type a plus sign (+) inside this box → ☒Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

First Inventor

David J. Wilson

Title

CLOGGED FILTER DETECTOR

Express Mail Label No.

ER676829598 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 18]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.83 (d))  
(for continuation/divisional with Box 18 completed)
- b. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.83(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [ ] Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure [ ] Copies of IDS  
Statement (IDS/PTO-1449) Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)of prior application No. PCT/US/24760

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or

☒

Correspondence address below

Name

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Joseph H. Beumer

Registration No. (Attorney/Agent)

18961

Signature

Date

01/26/2004

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22783 U.S. PTO  
10764727

012604

22783 U.S. PTO  
012604

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# FEE TRANSMITTAL

## for FY 2001<sup>4</sup>

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 412

### Complete if Known

Application Number	
Filing Date	
First Named Inventor	David J. Wilson
Examiner Name	
Group Art Unit	
Attorney Docket No.	

### METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
		105	130 205 65	Surcharge - late filing fee or oath	
		127	50 227 25	Surcharge - late provisional filing fee or cover sheet	
		139	130 139 130	Non-English specification	
		147	2,520 147 2,520	For filing a request for ex parte reexamination	
		112	920* 112 920*	Requesting publication of SIR prior to Examiner action	
		113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action	
		115	110 215 55	Extension for reply within first month	
		116	390 216 195	Extension for reply within second month	
		117	890 217 445	Extension for reply within third month	
		118	1,390 218 695	Extension for reply within fourth month	
		128	1,890 228 945	Extension for reply within fifth month	
		119	310 219 155	Notice of Appeal	
		120	310 220 155	Filing a brief in support of an appeal	
		121	270 221 135	Request for oral hearing	
		138	1,510 138 1,510	Petition to institute a public use proceeding	
		140	110 240 55	Petition to revive - unavoidable	
		141	1,240 241 620	Petition to revive - unintentional	
		142	1,240 242 620	Utility issue fee (or reissue)	
		143	440 243 220	Design issue fee	
		144	600 244 300	Plant issue fee	
		122	130 122 130	Petitions to the Commissioner	
		123	50 123 50	Processing fee under 37 CFR 1.17(q)	
		126	180 126 180	Submission of Information Disclosure Stmt	
		581	40 581 40	Recording each patent assignment per property (times number of properties)	
		146	710 246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
		149	710 249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
		179	710 279 355	Request for Continued Examination (RCE)	
		169	900 169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
		101	710 201 355	Utility filing fee	385
		106	320 206 160	Design filing fee	
		107	490 207 245	Plant filing fee	
		108	710 208 355	Reissue filing fee	
		114	150 214 75	Provisional filing fee	

SUBTOTAL (1) (\$ )

#### 2. EXTRA CLAIM FEES

Total Claims  - 20\*\* =  x  =

Independent Claims  - 3\*\* =  x  =

Multiple Dependent  =

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
		103	18 203 9	Claims in excess of 20	
		102	80 202 40	Independent claims in excess of 3	
		104	270 204 135	Multiple dependent claim, if not paid	
		109	80 209 40	** Reissue independent claims over original patent	
		110	18 210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ ) 27

\*\*or number previously paid, if greater. For Reissues, see above

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

### SUBMITTED BY

Name (Print/Type)	Joseph H. Beumer	Registration No (Attorney/Agent)	18961	Complete (if applicable)	
Signature	<i>Joseph H. Beumer</i>	Telephone	(256) 895-8339	Date	01/26/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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ER676829598US

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*Joseph H. Beumer*

Signature of person mailing correspondence

Joseph H Beumer

Typed or printed name of person mailing correspondence

Note: Each paper must have its own certificate of mailing by "Express Mail".

Utility Patent Application for CLOGGED FILTER DETECTOR

Utility Application Transmittal form

Information Disclosure Statement

Fee Transmittal form

Nonpublication Request form

Return Receipt card

Check for \$412 filing fee

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor **David J. Wilson**

Title **CLOGGED FILTER DETECTOR**

Atty Docket Number

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1/26/04  
Date

David J. Wilson  
Signature

David J. Wilson

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.